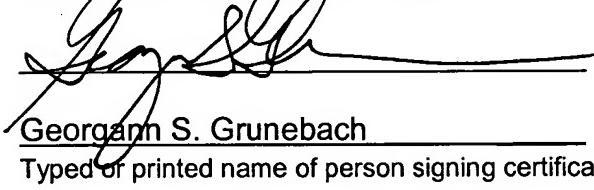


DJSW

Patent
PD-202088
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Weizheng Wang,
et al. : I hereby certify that this correspondence is
Serial No.: 10/691,032 : being deposited with the United States Postal
Filed: October 22, 2003 : Service with sufficient postage as first class
For: UNBLIND EQUALIZER : mail in an envelope addressed to:
ARCHITECTURE FOR DIGITAL
COMMUNICATION SYSTEMS : Mail Stop Amendment, Commissioner for
: Patents, P. O. Box 1450, Alexandria, VA
: 22313-1450, on the date below.



Georgann S. Grunebach

Typed or printed name of person signing certificate
Group Art Unit: 2637 : Date: October 25, 2005
Examiner: Jayanti K. Patel

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

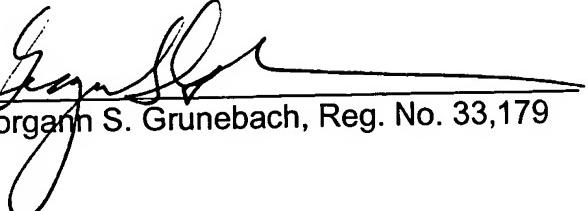
This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:


Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
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Telephone No. (310) 964-4615

October 25, 2005

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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete if Known | |
| | | Application Number | 10/691,032 |
| | | Filing Date | October 22, 2003 |
| | | First Named Inventor | Weizheng Wang |
| | | Art Unit | 2637 |
| | | Examiner Name | Jayanti K. Patel |
| Sheet 1 of 3 | | Attorney Docket Number | PD-202088 |

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| Examiner Initials* | Cite No. | Document Number Number-Kind Code | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| Examiner Signature | | Date Considered | |
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| | | Application Number | 10/691,032 |
| | | Filing Date | October 22, 2003 |
| | | First Named Inventor | Weizheng Wang |
| | | Art Unit | 2637 |
| | | Examiner Name | Jayanti K. Patel |
| Sheet 2 of 3 | | | |
| | | Attorney Docket Number | PD-202088 |

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| | | Filing Date | October 22, 2003 |
| | | First Named Inventor | Weizheng Wang |
| | | Art Unit | 2637 |
| | | Examiner Name | Jayanti K. Patel |
| Sheet 3 of 3 | | Attorney Docket Number | PD-202088 |

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